LABDEX

Homogenizer LX788H

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Description

Homogenizer LX788H is a fast individual type of homogenizer, having percussion force and rotational speed control technology with a speed range of 4ms to 7ms for efficient disruption. Features easy monitoring of the disruption process through the transparent lid. Disposable tubes prevent cross-contamination or sample degradation.

Specifications

Display	LCD
Speed range	2500 rpm ~ 4350 rpm (Increment 10rpm)
Pause time	1s ~ 90s (increment 1s)
Samples	6 x 2 ml / 1.5 ml or 2 x 5 ml
Cycle duration	1s ~ 90s (increment 1s)
Cycle	10
Stored program	1
Acceleration time	< 2s
Deceleration time	< 2s
Noise	< 65 dB
Power	150 W
Power supply	AC 100 ~ 240 V, 50 / 60 Hz
Dimensions	500 × 390 × 360 mm
Weight	7.5 Kg

Gross weight	12 Kg

Features

- No need to add liquid nitrogen, it will ground the sample in the device automatically
- The removable sample tube holder
- Accurate setting of lysis time and speed that saves up to 50 programs
- Easy monitoring of process through clear lid
- Disposable tubes preventing cross-contamination
- Equipped with open lid protection and emergency braking function
- Multiple materials and diameter beads for the choice of different types of samples
- Process 6 x 2ml sample or 2 x 5ml samples simultaneously
- Complete homogenization duration – 35s

Applications

- Used in dairy, food, chemical industries etc. for quick and steadily extraction of DNA / RNA / protein from samples in bulk, and preserve the integrity of bio macromolecule.

Standard Accessories

- Tube holder 6 x 2 ml / 1.5 ml or 2 x 5 ml
- Adapter for 3 x 2.0 ml
- Adapter for 5.0 ml
- DC 24V 6A adapter

Optional Accessories

- H1. 2.0 ml Grinding tube
- H2. 5.0 ml Grinding tube

- H3. Φ 1.4 mm Silica beads
- H4. Φ 2.8 mm Silica beads
- H5. Φ 3 mm Metal beads
- H6. Φ 6 mm Metal beads
- H7. Φ 0.2 mm Glass beads
- H8. Φ 0.5 mm Glass beads

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